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SEEDS
FFVS 9-66
October 1966

RECORD HIGH

U.S. SEED EXPORTS

CURRENT SERIAL RECORDS

U.S. seed exports reached a record total of 128.2 million pounds, valued at \$33.1 million, in the crop year ended June 30, 1966, compared with the previous year's total of 108.9 million pounds at \$27.9 million. This increase, of 19.3 million pounds, reflects in part a substantial rise in exports of types of seeds formerly reported. In part, however, it also reflects the addition of a new category -- not formerly carried in this report -- of "seeds, not elsewhere classified," to which U.S. Census Bureau has transferred "other" field seeds (formerly carried separately in this report). Effective January 1965, therefore, "seeds, n.e.c." became part of this report's totals, including, besides "other" field seeds, tree, shrub, vine, and "other" seeds. For the latest crop year, this change added nearly 6.5 million pounds to this report's total.

Grass and legume seed exports amounted to a record total of 68.3 million pounds, valued at \$18.7 million. The previous record high level, registered in 1963-64, was 66.5 million pounds with a value of \$17.1 million. Leading markets were Italy, Canada, West Germany, Japan and Argentina. As parts of the "grass and legume seed" category, total legume seed exports, the alfalfas and clovers, rose to 26.1 million pounds, compared with 17.2 million in 1964-65, while the total grass seed exports fell to 42.2 million compared with 46.2 million the previous year.

Canada received nearly one-third of U.S. vegetable seed exports, at 2.3 million pounds compared with 1.6 million in 1964-65, the difference accounted for by the increase in sweet corn seed shipments. Other leading markets were Japan, Mexico, and the United Kingdom. Total vegetable seed exports were 7.2 million pounds, valued at \$7.0 million, compared with only 6.3 million pounds at \$6.1 million in 1964-65. These figures do not include seed bean and seed pea data, which are reported with dry pulse exports.

(Continued on back page)

SEEDS: U. S. exports, quantity and value,
averages 1950-54, 1955-59, and 1960-64

Year (Beginning July 1)	Grass and legume	Other field	Seed corn	Vege- table	Sugar beet	Flower	Total
Averages	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>
Quantity:							
1950-54	23,115	16,836	13,373	3,681	714	186	57,905
1955-59	40,989	11,204	23,595	4,380	483	238	80,889
1960-64	59,350	1/22,407	15,094	5,897	1/ 256	334	103,338
	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>
Value							
1950-54	6,557	650	1,008	2,466	132	394	11,207
1955-59	10,432	768	2,139	3,345	105	571	17,360
1960-64	13,571	1/ 1,545	1,692	5,302	1/ 62	781	22,953

1/ Not classified separately, effective January 1, 1965.

SEEDS: U. S. exports, quantity and value,
crop years 1964-65 and 1965-66

Year (Beginning July 1)	Grass and legume	Other field	Seed corn	Vege- table	Sugar beet	Flower	Seeds n.e.c.	Total
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>
Quantity								
1964-65	63,331	1/14,062	18,627	6,315	1/ 31	400	2/ 6,131	108,897
1965-66	68,329	1/	25,492	7,249	1/	476	2/26,656	128,202
	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>	1,000 <u>dollars</u>
Value								
1964-65	15,569	1/ 1,246	2,276	6,094	1/ 9	873	2/ 1,684	27,856
1965-66	18,718	1/	2,801	6,977	1/	1,038	2/ 3,606	33,140

1/ Not classified separately, effective January 1, 1965.

2/ Effective January 1, 1965, includes "other field" seeds as well as shrub, tree, vine, and other seeds.

GRASS AND LEGUME SEEDS: U.S. exports by destination and value, July 1965-June 1966

Destination	Alfalfa		Clovers			Grasses							Timothy	Other	Total	Value
	Cert.	Uncert.	Ladino	Red	Other	Bent	Fescues	Kentucky blue	Ryegrasses							
	Annual	Perennial	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds						
North America:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dollars
Bahamas	--	--	--	--	--	9	--	--	21	--	--	52	82	26		
Bermuda	--	--	--	--	--	1	6	--	7	9	--	9	32	11		
Canada	2,761	444	528	165	129	337	141	484	293	648	3,500	1,335	10,765	3,529		
Costa Rica	--	--	--	--	--	--	--	--	--	4	--	52	56	9		
El Salvador	--	--	--	--	--	--	--	--	--	--	--	46	46	8		
Guatemala	3	1	2	--	--	--	--	--	--	--	--	163	169	30		
Honduras	--	6	--	--	--	--	--	--	--	--	--	--	6	2		
Jamaica	--	--	--	--	--	--	--	--	--	--	--	6	6	3		
Mexico	1,417	2,239	6	8	4	6	28	14	148	82	1	436	4,389	1,218		
Nicaragua	--	--	--	--	--	--	--	--	--	--	--	173	173	28		
Trinidad and Tobago	20	--	60	--	--	--	--	--	--	--	--	6	86	47		
Other	--	--	--	--	--	--	--	--	--	--	--	6	6	3		
Total	4,201	2,690	596	173	133	353	175	498	469	743	3,501	2,284	15,816	4,914		
South America:																
Argentina	1	--	9	86	550	16	795	35	--	657	17	3,174	5,340	954		
Bolivia	1	10	--	--	1	1	--	--	8	2	--	3	26	9		
Brazil	16	7	23	10	14	4	15	--	--	10	--	28	127	51		
Chile	22	--	43	--	--	--	--	--	--	302	--	1	368	143		
Colombia	10	8	5	8	7	--	8	--	36	155	--	118	355	47		
Ecuador	--	--	1	--	3	--	--	--	10	--	--	16	30	9		
Paraguay	--	--	--	--	--	--	--	--	--	--	--	142	142	19		
Peru	69	--	1	2	3	1	--	--	--	7	--	14	97	31		
Uruguay	2	--	22	--	269	--	284	--	--	--	--	125	702	225		
Venezuela	--	1	--	--	--	--	--	--	--	--	--	58	59	22		
Total	121	26	104	106	847	22	1,102	35	54	1,133	17	3,679	7,246	1,510		
Europe:																
EEC:																
Belgium-Luxembourg	22	--	--	93	126	296	91	--	--	272	66	89	1,055	266		
France	95	--	482	6	576	541	57	3	15	2	1,110	689	3,576	1,004		
Germany, West	2,108	95	128	122	298	1,213	1,348	77	201	263	75	1,231	7,159	2,220		
Italy	1,983	2,656	707	1,910	229	95	110	1	1,477	1,594	85	1,078	11,925	2,704		
Netherlands	4	--	100	82	196	704	405	260	--	1,390	118	187	3,446	778		
Total EEC	4,212	2,751	1,417	2,213	1,425	2,849	2,011	341	1,693	3,521	1,454	3,274	27,161	6,972		
Austria	--	--	--	11	30	18	--	--	233	566	119	1	978	128		
Azores	--	--	7	--	4	--	--	--	--	--	--	--	11	8		
Denmark	47	4	--	--	--	178	72	19	30	273	--	--	623	159		
Finland	--	--	--	32	--	146	--	--	68	41	--	--	287	86		
Greece	89	--	--	--	2	--	2	--	--	7	--	11	111	44		
Iceland	--	--	--	--	--	--	--	--	--	--	--	8	8	3		
Ireland	--	45	--	6	50	65	87	22	--	--	253	100	628	160		
Norway	--	--	--	--	--	49	--	1	--	73	--	3	126	28		
Poland	175	544	--	--	--	--	--	--	--	--	--	--	719	300		
Spain	90	1	31	22	33	3	11	--	--	--	--	185	376	151		
Sweden	119	44	--	4	--	628	59	--	--	22	--	--	906	357		
Switzerland	125	--	105	204	14	88	87	11	1	414	212	33	1,294	359		
Turkey	--	--	--	--	1	--	--	--	--	--	--	--	--	1		
United Kingdom	60	--	10	--	--	1,089	748	26	8	66	22	632	2,661	966		
Total Europe	4,947	3,389	1,570	2,492	1,559	5,113	3,077	420	2,033	4,983	2,060	4,247	35,890	9,722		
Asia:																
Iran	--	--	--	--	--	--	--	--	--	4	--	3	7	13		
Israel	1	--	--	--	--	--	--	--	--	--	--	170	171	4		
Japan	36	21	649	1,268	164	159	457	38	1,393	589	771	862	6,407	1,510		
Jordan	2	6	--	--	--	--	--	--	--	--	--	2	10	5		
Lebanon	--	1	--	--	--	2	--	--	--	--	--	14	17	9		
Nansei-Manpo Islands	--	--	--	--	--	--	--	--	--	8	--	1	9	2		
Philippine Republic	--	--	--	--	--	--	--	--	--	--	--	8	8	1		
Saudi Arabia	--	2	--	--	2	--	--	--	--	--	--	3	7	4		
Syria	--	4	--	--	--	--	--	--	--	--	--	--	4	3		
Taiwan	--	--	--	--	--	3	7	--	4	7	--	6	27	11		
Thailand	7	--	--	--	--	4	--	--	--	--	--	--	11	5		
Other	4	--	--	--	--	--	3	1	--	--	--	6	14	7		
Total	50	34	649	1,268	166	168	467	39	1,397	608	771	1,075	6,692	1,601		
Africa:																
Egypt	71	149	--	--	--	--	--	--	--	24	--	2	244	91		
Kenya	--	--	--	--	14	--	4	--	--	--	--	2	20	11		
Nigeria	--	--	--	--	--	--	--	--	--	--	--	6	6	4		
South Africa, Republic of	1	--	15	7	4	1	28	1	21	32	--	69	179	40		
Sudan	--	4	--	--	--	--	--	--	--	--	--	1	5	2		
Other	2	--	--	--	1	--	--	--	--	--	--	1	4	4		
Total	74	153	15	7	19	1	32	1	21	56	--	79	458	152		
Oceania:																
Australia	--	--	323	291	101	394	212	35	133	115	--	592	2,196	809		
French Pacific Islands	--	--	--	--	--	--	--	--	--	--	--	2	2	1		
New Zealand	--	--	--	--	--	--	--	--	--	--	--	27	27	12		
Total	--	--	323	291	101	394	212	35	133	115	--	621	2,225	822		
Grand Total	9,395	6,291	3,259	4,334	2,826	6,049	5,065	1,030	4,109	7,637	6,349	11,984	68,329	18,718		
Total Value (1,000 dollars)	3,657	1,927	1,699	1,272	993	2,114	1,152	528	338	1,047	1,236	2,755	18,718			

VEGETABLE SEEDS: U.S. exports by destination and value, July 1, 1965 - June 30, 1966 (continued)

Destination	Carrot	Onion	Sweet corn	Other vegetable	Total	Value
	Pounds	Pounds	Pounds	Pounds	Pounds	Dollars
Asia:						
Aden	--	--	--	550	550	615
Arabia	--	--	--	5,328	5,328	10,091
Bahrein	--	--	--	1,140	1,140	2,720
Ceylon	914	--	--	10,600	11,514	26,890
Hong Kong	5,010	14,294	15,500	16,031	50,835	77,058
India	--	--	--	745	745	3,112
Iran	--	480	--	1,612	2,092	6,301
Iraq	6,050	--	--	102,819	108,869	126,704
Israel	5,619	4,858	5,500	23,027	39,004	102,954
Japan	56,798	1,520	474,124	81,771	614,213	266,280
Jordan	220	96	--	42,615	42,931	80,040
Korea, Republic of	--	--	1,800	2,020	3,820	7,336
Kuwait	--	--	--	637	637	1,444
Laos	--	--	--	49,137	49,137	38,310
Lebanon	2,200	--	--	87,556	89,756	117,985
Nansei-Nanpo Islands	5,315	100	--	7,463	12,878	12,627
Pakistan	--	--	--	1,797	1,797	3,576
Philippine Republic	3,112	37,539	--	24,664	65,315	170,243
Saudi Arabia	525	1,587	--	46,492	48,604	86,375
Syria	--	--	--	31,061	31,061	45,988
Taiwan	1,092	3,000	--	19,935	24,027	29,188
Thailand	720	2,622	--	25,932	29,274	49,978
Vietnam	--	639	602	3,905	5,146	8,439
Vietnam, South	--	60	--	2,390	2,450	2,678
Other	--	--	--	960	960	2,379
Total	87,575	66,795	497,526	590,187	1,242,083	1,279,311
Africa:						
Angola	--	--	--	1,248	1,248	630
Canary Islands	840	--	--	1,821	2,661	3,148
Congo, Republic of	--	--	--	24,071	24,071	148,043
Egypt	--	--	--	139,811	139,811	145,919
Ethiopia	--	--	--	4,353	4,353	6,025
Ghana	--	824	--	3,596	4,420	4,255
Ivory Coast	--	--	--	544	544	1,168
Kenya	3,800	7,630	--	8,613	20,043	32,197
Liberia	--	--	--	1,675	1,675	4,053
Libya	--	--	--	16,756	16,756	32,105
Mauritius	--	--	--	1,803	1,803	2,142
Morocco	--	--	--	45,199	45,199	43,089
Mozambique	--	500	--	328	828	3,072
Rhodesia	648	200	--	1,098	1,946	4,357
South Africa, Republic of	10,154	3,796	4,700	89,877	108,527	120,975
Spanish Africa	--	442	--	134	576	1,332
Sudan	551	126	--	10,337	11,014	14,755
Western Africa, Other	--	--	244	655	899	984
Zambia, Southern Rhodesia and Malawi	613	1,734	--	1,410	3,757	10,960
Other	--	--	--	706	706	1,634
Total	16,606	15,252	4,944	354,035	390,837	580,843
Oceania:						
Australia	8,845	7,498	--	81,304	97,647	96,211
British West Pacific Islands	--	--	--	250	250	1,750
French Pacific Islands	--	67	--	2,392	2,459	5,785
New Zealand	6,763	3,105	1,200	50,631	61,699	57,513
Total	15,608	10,670	1,200	134,577	162,055	161,259
Grand total	455,502	339,867	2,346,988	4,106,602	7,248,959	6,976,876
Value (dollars)	469,835	849,712	669,947	4,987,382	6,976,876	6,976,876

VEGETABLE SEEDS: U.S. exports by destination and value,
July 1, 1965 - June 30, 1966

Destination	Carrot	Onion	Sweet corn	Other vegetable	Total	Value
	Pounds	Pounds	Pounds	Pounds	Pounds	Dollars
North America:						
Bahamas	--	134	--	7,632	7,766	18,670
Barbados	1,500	--	--	4,485	5,985	6,890
Bermuda	540	167	--	564	1,271	2,307
Canada	104,110	66,375	1,638,409	503,950	2,312,844	1,301,007
Costa Rica	1,404	3,292	--	15,508	20,204	30,233
Dominican Republic	1,292	3,875	--	17,062	22,229	46,445
El Salvador	492	--	--	14,315	14,807	30,033
Guatemala	1,970	106	--	28,934	31,010	40,275
Haiti	3,507	3,576	--	6,580	13,663	28,448
Honduras	--	370	--	6,439	6,809	13,804
Jamaica	11,474	335	4,042	23,944	39,795	74,349
Leeward and Windward Islands	--	--	--	1,293	1,293	3,124
Mexico	44,321	28,083	114,793	349,030	536,227	737,017
Nicaragua	--	690	48,150	4,552	53,392	16,047
Panama	320	1,159	--	4,034	5,513	13,242
Trinidad and Tobago	144	--	--	6,138	6,282	17,245
Other	--	--	--	436	436	1,744
Total	171,074	108,162	1,805,394	994,896	3,079,526	2,380,880
South America:						
Argentina	38,443	2,577	4,500	151,108	196,628	255,617
Bolivia	--	260	--	14,123	14,383	18,673
Brazil	14,719	50,906	--	192,637	258,262	332,602
Chile	180	175	--	30,071	30,426	81,408
Colombia	8,106	1,270	--	44,197	53,573	80,318
Ecuador	1,754	--	--	10,364	12,118	24,288
Guyana	--	--	--	364	364	1,078
Paraguay	820	--	--	2,934	3,754	3,594
Peru	10,699	1,334	--	57,064	69,097	82,015
Surinam	--	--	--	2,420	2,420	5,131
Uruguay	3,428	4,755	7,700	11,406	27,289	25,479
Venezuela	8,825	17,580	--	125,042	151,447	229,767
Total	86,974	78,857	12,200	641,730	819,761	1,139,970
Europe:						
EEC						
Belgium and Luxembourg	915	--	1,200	1,500	3,615	2,182
France	400	555	--	229,259	230,214	217,527
Germany, West	264	393	1,000	23,103	24,760	30,497
Italy	595	5,955	--	208,646	215,196	313,879
Netherlands	14,474	39,403	--	325,433	379,310	283,174
Total EEC	16,648	46,306	2,200	787,941	853,095	847,259
Austria	2,166	2,165	--	5,141	9,472	25,652
Cyprus	--	2,062	--	--	2,062	4,425
Denmark	1,332	2,500	--	114,843	118,675	108,389
Greece	88	--	--	67,767	67,855	70,313
Hungary	--	220	--	5,808	6,028	5,706
Ireland	--	--	--	560	560	256
Portugal	--	88	--	3,757	3,845	19,092
Spain	--	117	--	6,113	6,230	9,315
Sweden	4,282	--	1,584	37,442	43,308	29,627
Switzerland	207	800	--	10,331	11,338	16,805
United Kingdom	52,942	5,873	21,940	350,476	431,231	293,777
Other	--	--	--	998	998	3,997
Total	77,665	60,131	25,724	1,391,177	1,554,697	1,434,613

CORN SEED (except sweet corn seed): U.S. exports, destination by quantity and value, July 1, 1965 - June 30, 1966

Destination	Quantity	Value	Destination	Quantity	Value
	<u>pounds</u>	<u>dollars</u>		<u>pounds</u>	<u>dollars</u>
North America:			Europe (Continued)		
Bahamas	69	8	Austria	561	42
Bermuda	6	1	Cyprus	20	2
British Honduras	5	1	Czechoslovakia	36	54
Canada	6,827	895	Denmark	14	1
Costa Rica	31	2	Finland	22	2
Dominican Republic	17	2	Hungary	11	10
El Salvador	41	5	Norway	5	1
Guatemala	63	8	Portugal	587	72
Haiti	52	12	Spain	734	103
Honduras	7	1	Sweden	13	1
Jamaica	561	69	United Kingdom	206	28
Mexico	1,641	192	Yugoslavia	78	9
Nicaragua	26	3	Total Europe	14,456	1,351
Panama	10	1	Asia:		
Trinidad - Tobago	13	1	Afghanistan	2	1/
Total	9,370	1,201	Arabia	48	6
South America:			India	12	2
Argentina	211	27	Iraq	61	7
Bolivia	4	1	Israel	15	2
Chile	91	11	Japan	866	116
Colombia	21	1	Jordan	42	4
Ecuador	1	1/	Lebanon	50	4
Guyana	5	1	Philippine Republic ..	10	1
Peru	12	1	Syria	13	1
Uruguay	9	3	Total	1,119	143
Total	354	45	Africa:		
Europe:			Kenya	5	1
EEC			Libya	50	11
Belgium-Luxembourg ..	53	3	South Africa, Rep. ...	95	39
France	717	94	Zambia, Rhodesia, &		
West Germany	6,654	456	Malawi	6	1
Italy	4,194	424	Total	156	52
Netherlands	551	49	Oceania:		
Total EEC	12,169	1,026	New Zealand	39	7
			Trust Territory	2	1/
			Total	41	7
			Grand Total	25,492	2,801

1/ Less than 500 dollars.

FLOWER SEEDS: U.S. exports by destination and value,
July 1, 1965 - June 30, 1966

Destination	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
North America:			Europe (Continued)	
Bahamas	28:	458:	Austria	547: 1,446
Bermuda	194:	768:	Denmark	38,490: 77,655
Canada	38,589:	113,483:	Greece	513: 656
Costa Rica	112:	756:	Ireland	848: 934
El Salvador	143:	606:	Malta	18: 262
French West Indies ...:	76:	620:	Norway	7,770: 6,264
Guatemala	374:	1,172:	Portugal	6,614: 1,650
Jamaica	1,714:	6,581:	Spain	153: 694
Mexico	5,076:	26,382:	Sweden	29,684: 39,679
Nicaragua	32:	576:	Switzerland	3,401: 20,664
Panama	3:	216:	United Kingdom	81,653: 186,650
Trinidad - Tobago ...:	494:	3,999:	Total	361,642: 710,308
Total	46,835:	155,617:	Asia:	
South America:			Arabia	262: 680
Argentina	1,296:	2,064:	Bahrein	152: 448
Bolivia	1,372:	1,711:	Hong Kong	195: 1,252
Brazil	4,016:	2,322:	Iran	74: 1,265
Chile	1,869:	362:	Iraq	15: 963
Colombia	1,713:	1,080:	Israel	24: 356
Ecuador	296:	2,516:	Japan	4,445: 25,871
Guyana	40:	592:	Jordan	4,829: 1,516
Paraguay	5:	314:	Philippine Republic ..:	449: 3,063
Peru	1,707:	2,840:	Saudi Arabia	30: 216
Surinam	4,256:	858:	Syria	181: 726
Venezuela	425:	2,255:	Thailand	2,261: 2,180
Total	16,995:	16,914:	Total	12,917: 38,536
Europe:			Africa:	
EEC			Libya	64: 304
Belgium-Luxembourg ..:	1,192:	5,490:	South Africa, Rep. of	8,380: 29,153
France	47,293:	123,841:	Sudan	4: 316
West Germany	48,781:	68,770:	Spanish Africa, Other	543: 1,320
Italy	126:	4,300:	Total	8,991: 31,093
Netherlands	94,559:	171,353:	Oceania:	
Total EEC	191,951:	373,754:	Australia	18,178: 51,244
			New Zealand	10,652: 34,733
			Total	28,830: 85,977
			Grand Total	476,210: 1,038,445

Official Business

Exports of flower and corn seed were up from the previous year, flower seed by 19 percent and corn, 37 percent. The Netherlands, United Kingdom, and West Germany again were the best markets for flower seeds, and Canada, West Germany, and Italy for corn seed.

Exports to EEC countries, with the exception of vegetable seeds, showed marked increases. Total volume of grass and legume, vegetable, corn, and flower seeds to those countries amounted to 40.4 million pounds valued at \$9.2 million, compared with 30.0 million pounds at \$6.0 million the previous crop year.